

FIG. 1

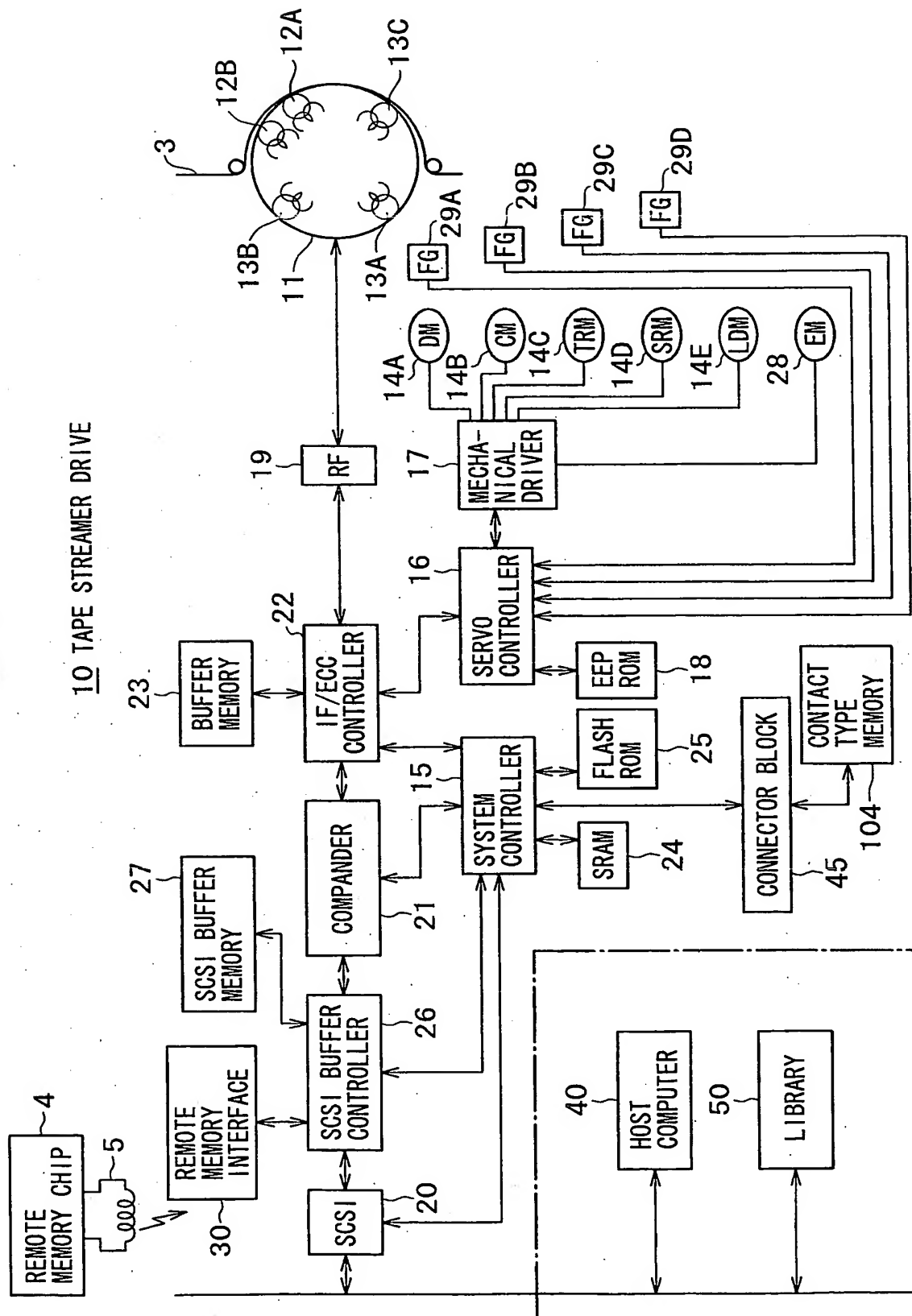


FIG. 2

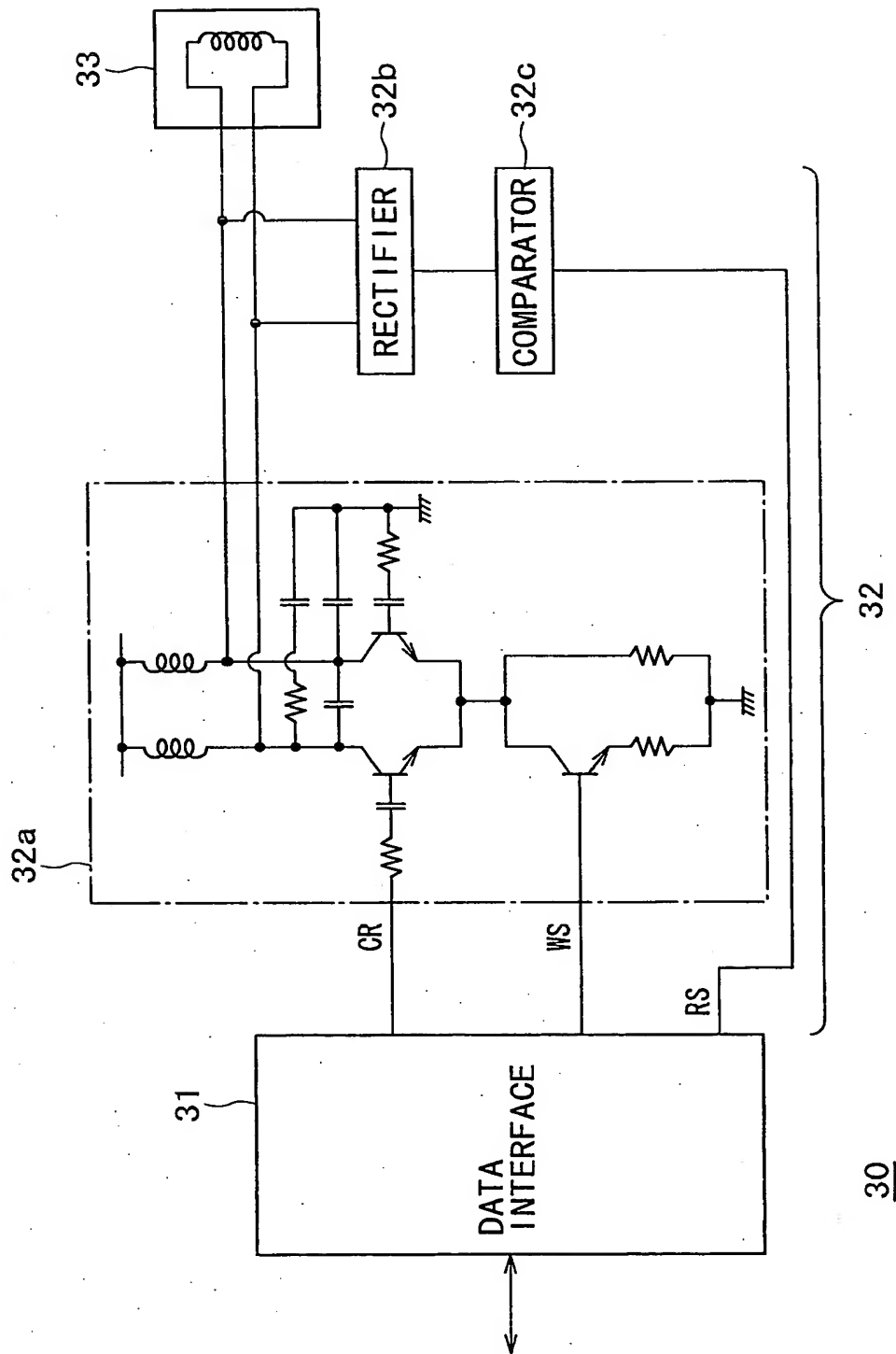


FIG. 3A

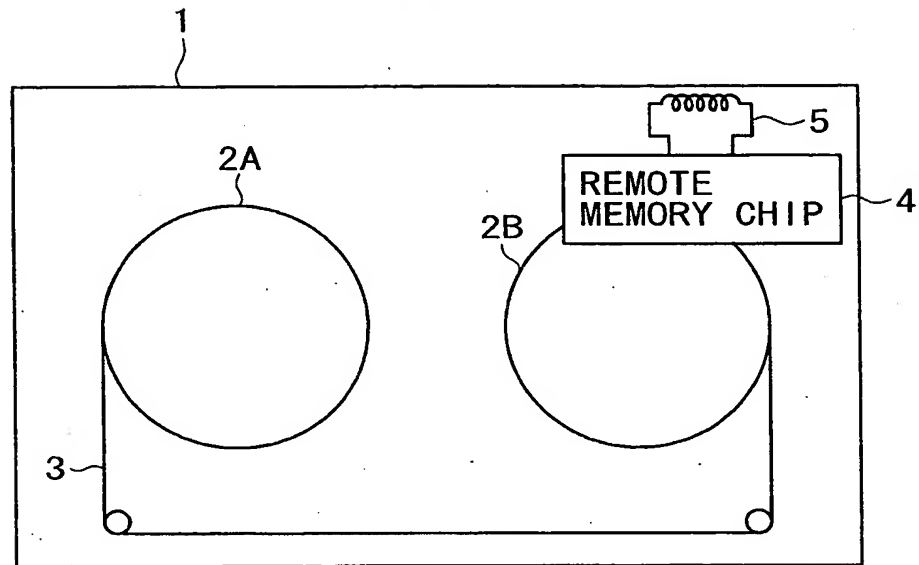


FIG. 3B

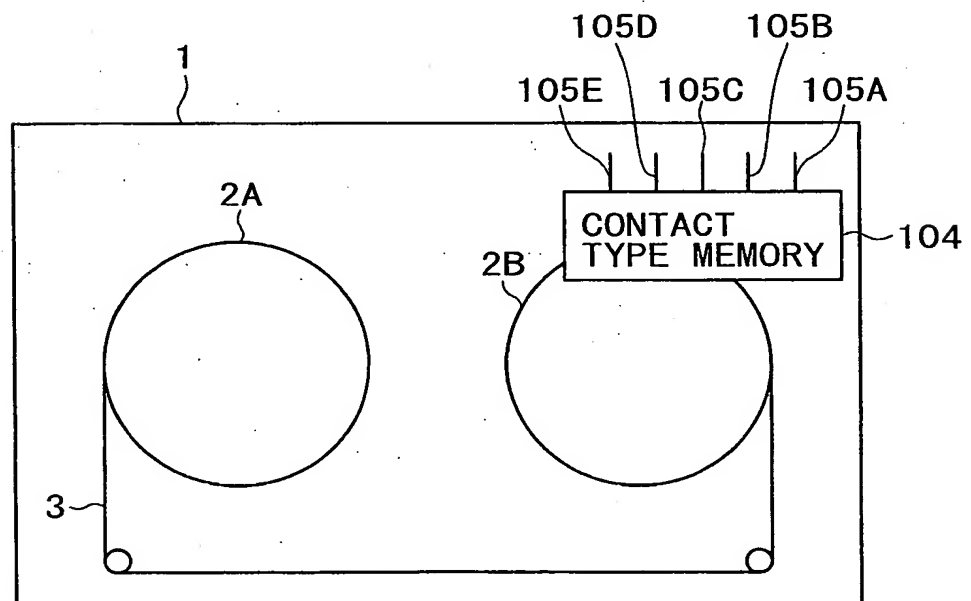


FIG. 4

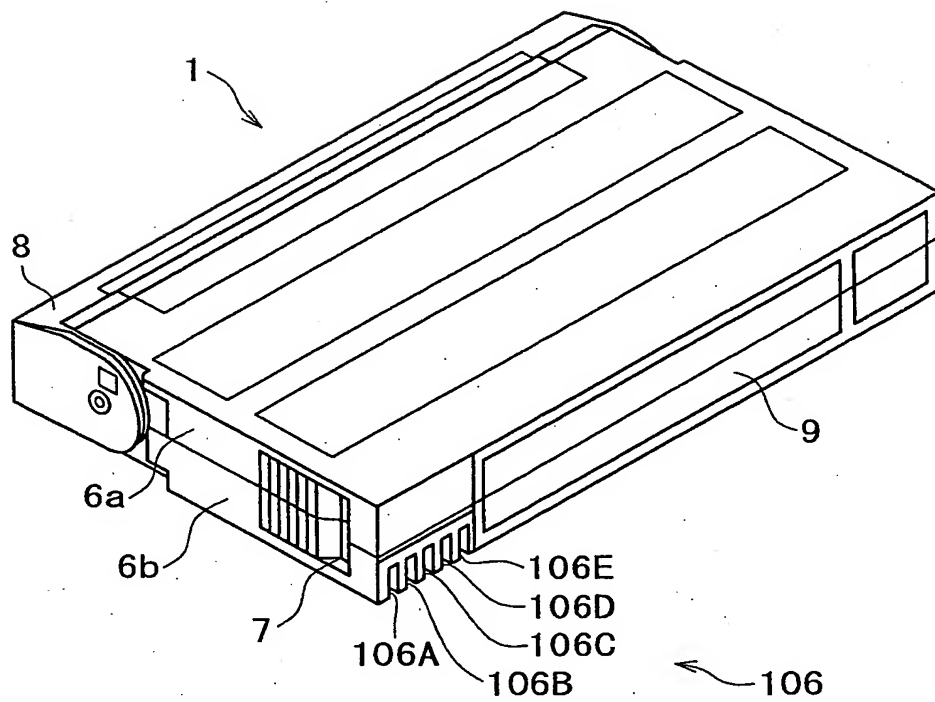
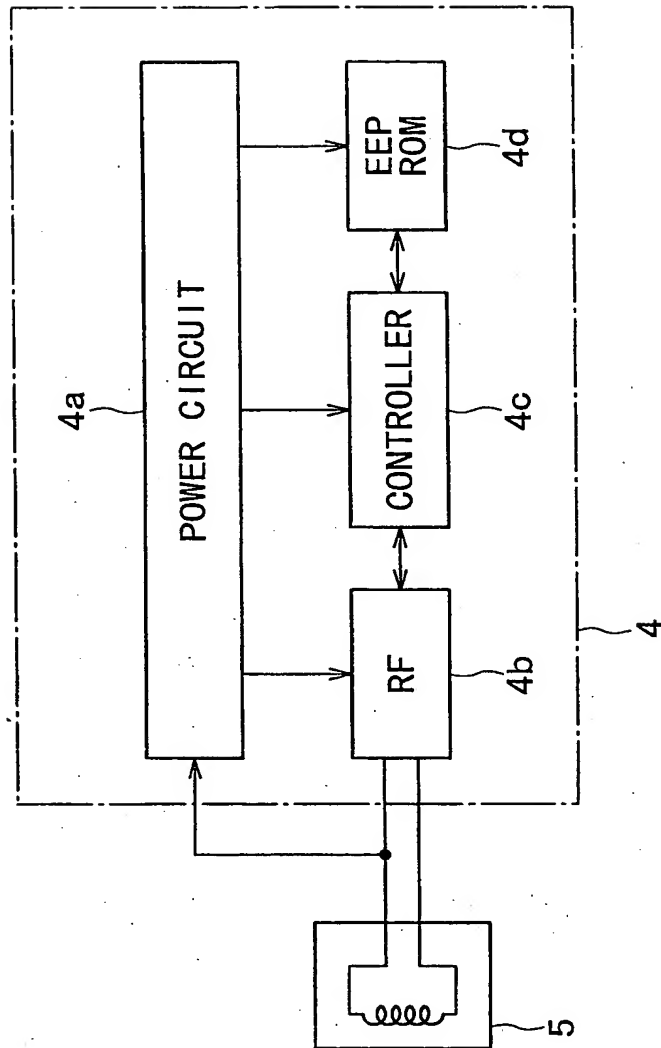


FIG. 5



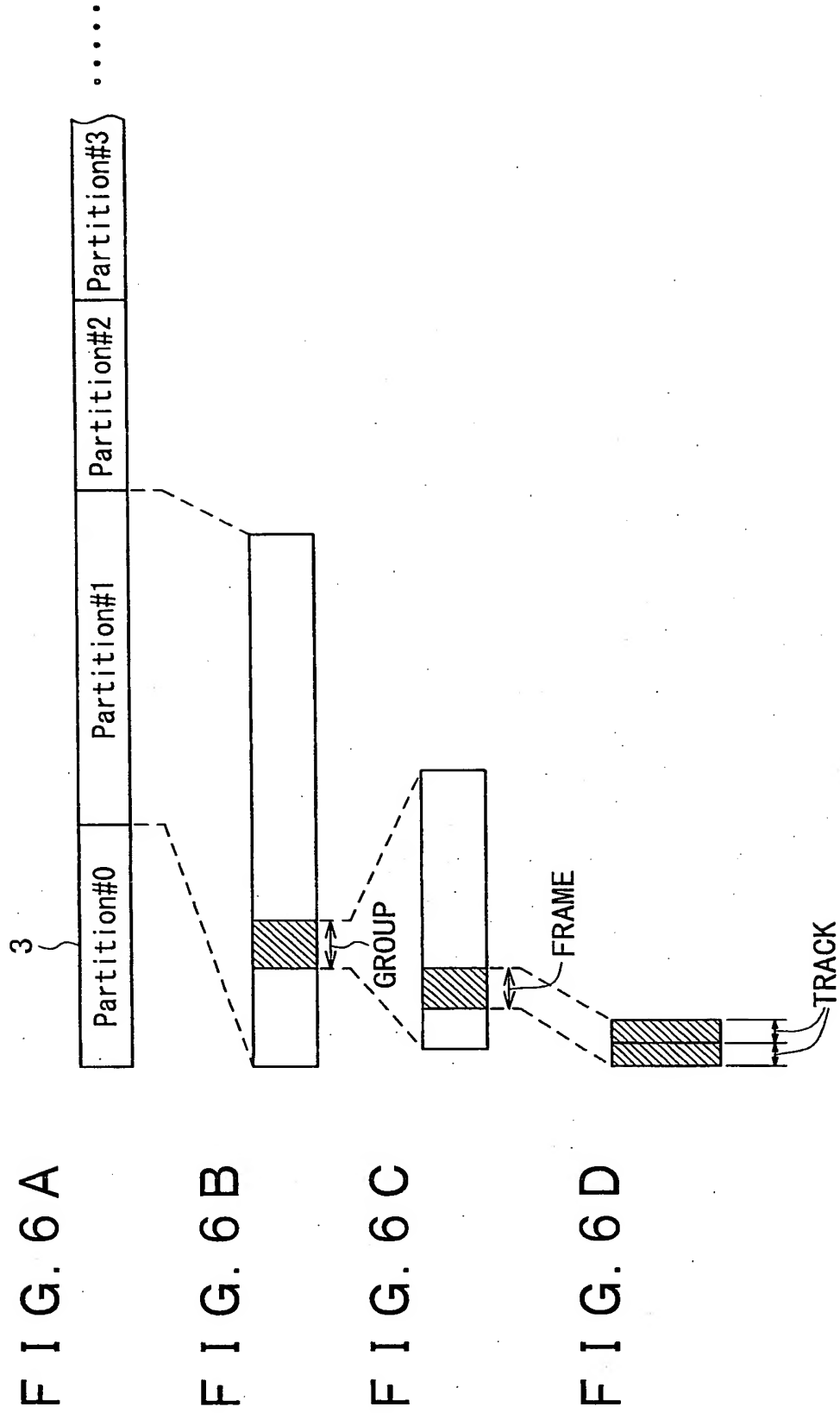


FIG. 7A

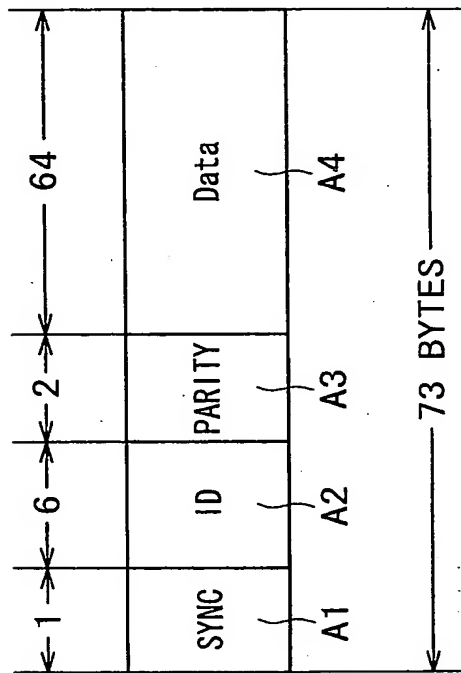


FIG. 7C

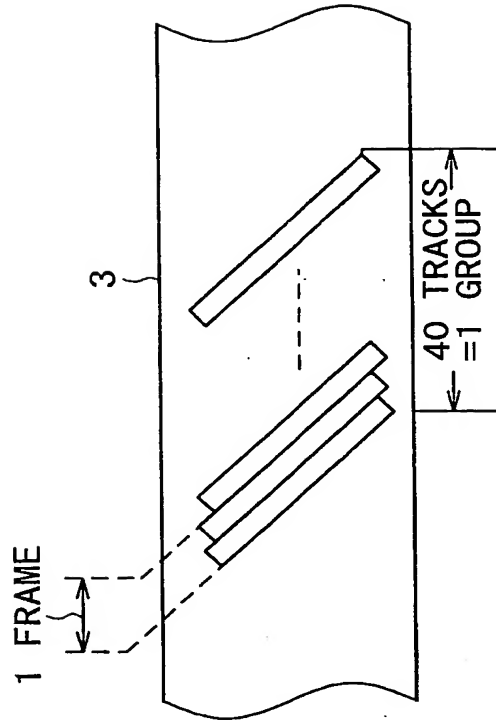
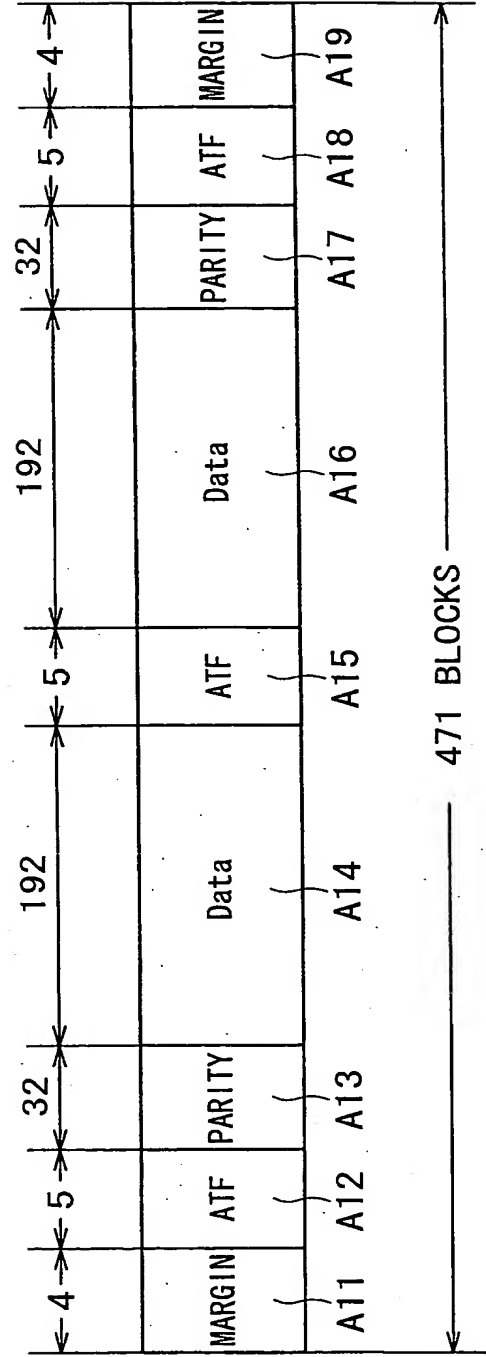
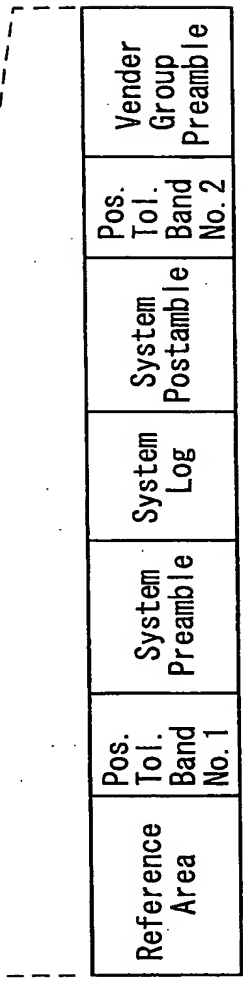
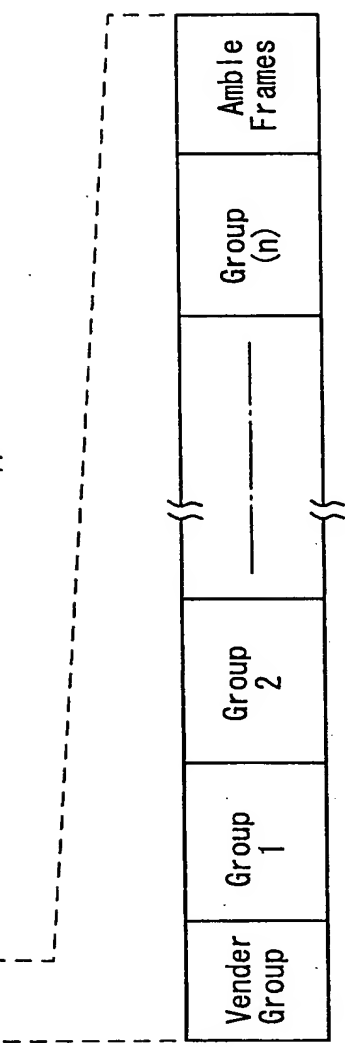
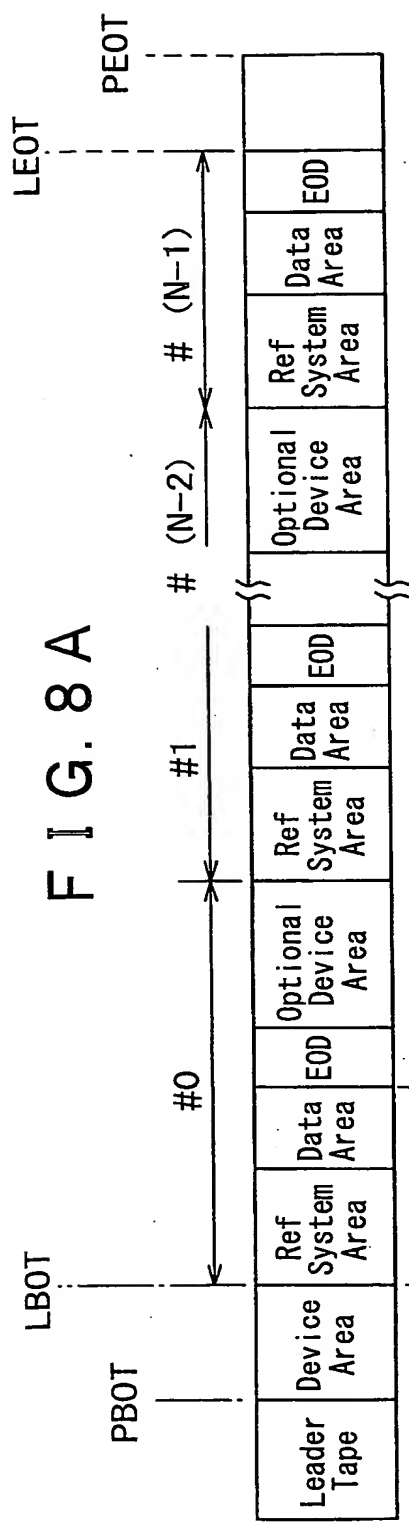


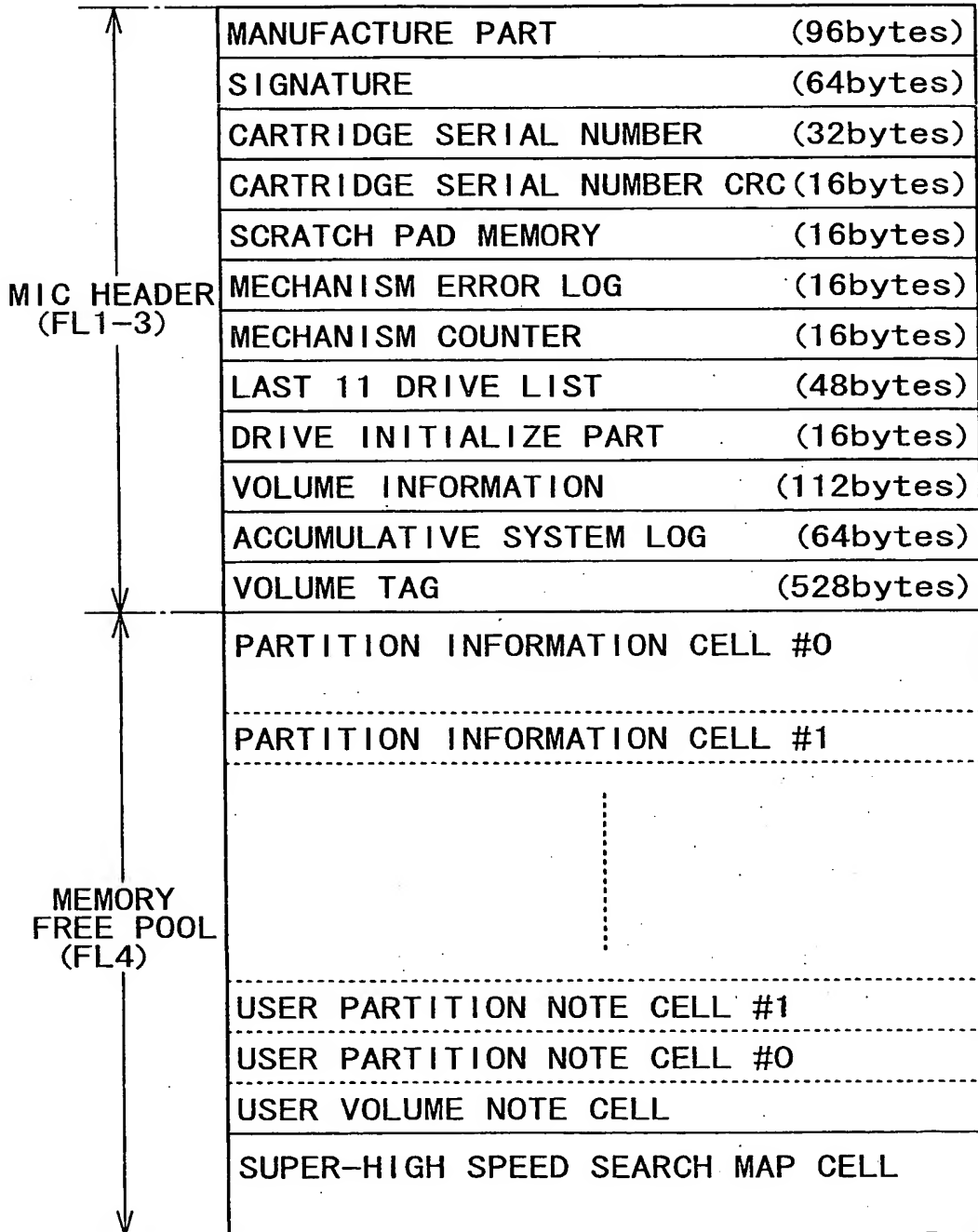
FIG. 7B







F I G. 9



## FIG. 10

Manufacture Part	manufacture part checksum	1byte
	mic type	1byte
	mic manufacture date	4bytes
	mic manufacture line name	8bytes
	mic manufacture plant name	8bytes
	mic manufacturer name	8bytes
	mic name	8bytes
	cassette manufactured date	4bytes
	cassette manufacturer line name	8bytes
	cassette manufacturer plant name	8bytes
	cassette manufacturer name	8bytes
	cassette name	8bytes
	oem customer name	8bytes
	physical tape characteristic ID	2bytes
	maximum clock frequency	2bytes
	block size	1byte
	mic capacity	1byte
	write protect top address	2bytes
	write protect count	2bytes
	reserved	1byte
	application ID	1byte
	offset	2bytes

FIG. 11

Drive Initialize Part	Drive Initialize Part Checksum	1byte
	MIC Logical Format Type	1byte
	Super high speed search map Pointer	2bytes
	User Volume Note Cell Pointer	2bytes
	User Partition Note Cell Pointer	2bytes
	Partition Information Cell Pointer	2bytes
	Reserved	1byte
	Volume Attribute Flags	1byte
	Free Pool Top Address	2bytes
	Free Pool Bottom Address	2bytes

FIG. 12

<div> <div>↑</div> <div>Partition Information</div> <div>↓</div> </div>	1 to 48	Partition 0 Information	48 Bytes	12, 288 Bytes	66, 816 Bytes
	49 to 96	Partition 1 Information	48 Bytes		
	.....	.....	.....		
	12, 241 to 12, 288	Partition 255 Information	48 Bytes	72 Bytes	
	12, 289 to 12, 360	Volume Information		2 Bytes	
	12, 361 and 12, 362	System Log Vendor Data Type Number		54, 454 Bytes	
	12, 363 to 66, 816	System Log Vendor Data			

FIG. 13

<div> <div>↑</div> <div>Partition Information</div> <div>↓</div> </div>	1 to 48	Partition N Information	48 Bytes	<div> <div>24, 576 Bytes</div> <div>=</div> <div>48 Bytes * 512</div> </div>	66, 816 Bytes
	49 to 96	Partition N Information	48 Bytes		
	...	...	...		
	24, 528 to 24, 576	Partition N Information	48 Bytes	2 Bytes	42, 238 Bytes
	24, 577 to 24, 578	System Log Vendor Data Type Number			
	24, 579 to 66, 816	System Log Vendor Data			

FIG. 14

MIC Mode Switch	1 Byte	MIC Mode Switch
Reserved	3 Bytes	Set to all ZERO
Physical Tape Characteristic ID	2 Bytes	Bit 15
		Bit 14
		Bit 13, 12
		Bit 11
		Bit 10, 9, 8
		Bit 7, 6
Flags	1 Byte	Bit 5, 4, 3, 2, 1, 0
		Bit 7, 6, 5
		Bit 4
		Bit 3, 2
		Bit 1
		Bit 0
Last Partition Number	1 Byte	Last Valid Partition Number
Device Area Map	32 Bytes	Device Area Map (MSB First)
Reserved	32 Bytes	Set to all ZERO

FIG. 15

Value	Definition
0	Normal Use. If a drive can't recognize MIC, it uses data of tape.
The other value	Only use MIC data.

MIC Mode Switch

FIG. 16

